

1 **IN THE CLAIMS:**

2 Listing of Claims:

3
4 Claims 1 - 4 (Cancel).

5
6 5. (Original) A method of validating information comprising data in a design
7 document in a relational database, comprising:
8 storing a table named Past containing the most recent design document sent to
9 the relational database;
10 storing a table named Data to Use containing validated or corrected data to be
11 used in manufacturing based on the design document;
12 initializing the table Past and the table Data to Use by setting the data contained
13 to null values;
14 receiving a table New Version of the design document;
15 comparing the table New Version to the table Past to detect any change, wherein
16 the data contained in the table New Version does not match the data in the table Past;
17 setting the table Past to the table New Version;
18 validating and correcting the data in the table New Version based on changing
19 the data to correspond to a dictionary of correct data; and
20 setting the table Data to Use to a table Validated/Corrected New Version .

21
22 6. (New) The method of claim 5, wherein the table Past, the table New
23 Version and the table Data to Use is either a bill of materials or an approved
24 manufacturing list.

25
26 7. (New) The method of claim 5, further comprising the step of filtering the
27 table New Version for relevant information before comparing the table New version to
28 the table Past.

29
30 8. (New) The method of claim 7, further comprising the step of adding new
data for filtering the table New Version.

1
2 9. (New) The method of claim 5, further comprising updating the dictionary
3 with a new release before correcting and validating the table Data to Use.

4
5 10. (New) The method of claim 9, further comprising the step of filtering the
6 new release before updating the dictionary with the new release.

7
8 11. (New) The method of claim 10, further comprising the step of adding data
9 to the new release before filtering the new release of the dictionary.

10
11 12. (New) The method of claim 10, further comprising the step of using new
12 data to filter the new release before updating the dictionary with the new release.

13
14 13. (New) A computer-implemented system to validate data in a design
15 document transmitted over a computer network from a design organization to a contract
16 manufacturer for manufacturing a product, comprising:

17 a software program instructing a computer to perform the steps of:
18 storing a past version of the design document;
19 receiving and storing a new version of the design document;
20 storing a dictionary;
21 comparing the new version to the past version of the design document to
22 detect a change in the data; and
23 if there is a change in the data, performing the steps of setting the past
24 version to the new version of the design document, and using the dictionary to correct
25 and validate the data that has changed between the past and new version resulting in a
26 design document with data to use for the contract manufacturer to manufacture the
27 product.

28 14. (New) The computer-implemented system of claim 13, wherein storing the
29 past version of the design document, the new version of the design document, and the
30 design document with data to use occurs in tables in a database.

1
2 15. (New) The computer-implemented system of claim 13, wherein the past
3 version, the new version, and the design document with data to use are a bill of
4 materials or an approved manufacturing list.

5
6 16. (New) The computer-implemented system of claim 13, further comprising
7 filtering the new version of the design document for relevant information before
8 comparing the new version to the past version of the design document.

9
10 17. (New) The computer-implemented system of claim 16, further comprising
11 adding new data before filtering the new version of the design document.

12
13 18. (New) The computer-implemented system of claim 13, further comprising
14 updating the dictionary with a new release of the dictionary before correcting and
15 validating the data for the design document with data to use.

16
17 19. (New) The computer-implemented system of claim 18, further comprising
18 filtering the new release of the dictionary before updating the dictionary with the new
19 release.

20
21 20. (New) The computer-implemented system of claim 18, further comprising
22 adding data to the new release before filtering the new release of the dictionary.

23
24 21. (New) The computer-implemented system of claim 13, further comprising
25 initializing all of the data in the past version of the design document to signal that the
26 new version of the design document contains the data to be corrected and validated.

27
28 22. (New) The computer-implemented system of claim 18, further comprising
29 adding a new data for filtering the new release of the dictionary before updating the
30 dictionary with the new release of the dictionary.